

Search time: 14.45:38
Copyright (c) 1994-2003 Compuser Ltd.

Maximum hit seq length: 9

Maximum DB seq length: 20000000

Post processing: Minimum Match: 100%

Database: Published Appleton Books AA:*

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Sequence 7: Appleton Books AA:*

Sequence 8: Appleton Books AA:*

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Sequence 10: Appleton Books AA:*

Sequence 11: Appleton Books AA:*

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Sequence 32: Appleton Books AA:*

Sequence 33: Appleton Books AA:*

Sequence 34: Appleton Books AA:*

Sequence 35: Appleton Books AA:*

Sequence 36: Appleton Books AA:*

Sequence 37: Appleton Books AA:*

Sequence 38: Appleton Books AA:*


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1  APPLICANT: FINEWOOD, BART D.
2  APPLICANT: KOKKALON, MARK
3  TITLE OF INVENTION: "RENDERING AND RENDERING FOR THE BOUNDARY OF THE BOUNDARY"
4  TITLE OF INVENTION: "RENDERING AND RENDERING FOR THE BOUNDARY OF THE BOUNDARY"
5  FILE NUMBER: 2892/2000
6  CURRENT APPLICATION NUMBER: 2892/2000
7  CURRENT FILING DATE: 1999-08-16
8  EARLIER FILING DATE: 1999-08-16
9  NUMBER OF SEQ ID NOS: 28
10 SOFTWARE: Patent In Vol. 2.0
11 SEQ ID No. 4
12 LENGTH: 419
13 TYPE: PRT
14 ORGANISM: Homo sapiens
15 US 09 475-248 4

Query Match: 100.0% Score 1558.1899 Length 419
Host Local Similarity: 100.0% Prod. No. 176-94
Matches: 1962 Conservative of Mismatches of Indels of Gaps of

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10b 1 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 2 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
07 61 HIRSHMAN, ROBERT 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 61 HIRSHMAN, ROBERT 100.0% 1558.1899 419 100.0% 1558.1899 419
07 121 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 121 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
07 152 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 152 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
07 181 MSHKLYV, VIKTOR 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 181 MSHKLYV, VIKTOR 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 212 MSHKLYV, VIKTOR 100.0% 1558.1899 419 100.0% 1558.1899 419

RESULT 4
US 10 084 488 2
1  Applicant: US/10084488
2  Publication No. US20030028007A1
3  GENERAL INFORMATION:
4  APPLICANT: Human Genome Sciences, Inc.
5  TITLE OF INVENTION: "VASCULAR ENDOTHELIAL GROWTH FACTOR 2"
6  NUMBER OF SEQUENCES: 45
7  ADDRESSSEE: HUMAN GENOME SCIENCES, INC.
8  STREET: 9410 KEY WEST AVENUE
9  CITY: ROCKVILLE
10 STATE: MD
11 COUNTRY: USA
12 ZITE: 20000
13 COMPUTER RELEVANT FROM:
14 METHOD TYPE: PRT
15 OPERATING SYSTEM: 100.0% 100.0% 100.0%
16 SOFTWARE: Patent In Release #1.0 Version #1.00
17 CURRENT APPLICATION DATA:
18 FILING DATE: 28-10-2002
19 FILING DATE: 28-10-2002
20 CLASSIFICATION: Unknown
21 PRIOR APPLICATION DATA:
22 APPLICATION NUMBER: 09/097973
23 FILING DATE: 07 Sep 2000
24 APPLICATION NUMBER: 09/097973
25 FILING DATE: 13-Mar-1998
26 APPLICATION NUMBER: 09/097973
27 FILING DATE: 30 JUN 1998
28 ATTORNEY/AGENT INFORMATION:
29 NAME: MICHAEL M. WALES
30 REGISTRATION NUMBER: 14,976
31 REFERENCE/SEQUENCE NUMBER: 100.0% 100.0% 100.0%
32 REFERENCE/SEQUENCE NUMBER: 100.0% 100.0% 100.0%

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1  APPLICANT: FINEWOOD, BART D.
2  APPLICANT: KOKKALON, MARK
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6  CURRENT APPLICATION NUMBER: 2892/2000
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9  NUMBER OF SEQ ID NOS: 28
10 SOFTWARE: Patent In Vol. 2.0
11 SEQ ID No. 4
12 LENGTH: 419
13 TYPE: PRT
14 ORGANISM: Homo sapiens
15 US 09 475-248 4

Query Match: 100.0% Score 1558.1899 Length 419
Host Local Similarity: 100.0% Prod. No. 176-94
Matches: 1962 Conservative of Mismatches of Indels of Gaps of

07 1 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 1 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 2 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
07 61 HIRSHMAN, ROBERT 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 61 HIRSHMAN, ROBERT 100.0% 1558.1899 419 100.0% 1558.1899 419
07 121 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 121 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
07 152 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 152 FINEWOOD, BART D. 100.0% 1558.1899 419 100.0% 1558.1899 419
07 181 MSHKLYV, VIKTOR 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 181 MSHKLYV, VIKTOR 100.0% 1558.1899 419 100.0% 1558.1899 419
10b 212 MSHKLYV, VIKTOR 100.0% 1558.1899 419 100.0% 1558.1899 419

RESULT 7
US 10 084 488 1a
1  Applicant: US/10084488
2  Publication No. US20030028007A1
3  GENERAL INFORMATION:
4  APPLICANT: Human Genome Sciences, Inc.
5  TITLE OF INVENTION: "VASCULAR ENDOTHELIAL GROWTH FACTOR 2"
6  NUMBER OF SEQUENCES: 45
7  ADDRESSSEE: HUMAN GENOME SCIENCES, INC.
8  STREET: 9410 KEY WEST AVENUE
9  CITY: ROCKVILLE
10 STATE: MD
11 COUNTRY: USA
12 ZITE: 20000
13 COMPUTER RELEVANT FROM:
14 METHOD TYPE: PRT
15 OPERATING SYSTEM: 100.0% 100.0% 100.0%
16 SOFTWARE: Patent In Release #1.0 Version #1.00
17 CURRENT APPLICATION DATA:
18 FILING DATE: 28-10-2002
19 FILING DATE: 28-10-2002
20 CLASSIFICATION: Unknown
21 PRIOR APPLICATION DATA:
22 APPLICATION NUMBER: 09/097973
23 FILING DATE: 07 Sep 2000
24 APPLICATION NUMBER: 09/097973
25 FILING DATE: 13-Mar-1998
26 APPLICATION NUMBER: 09/097973
27 FILING DATE: 30 JUN 1998
28 ATTORNEY/AGENT INFORMATION:
29 NAME: MICHAEL M. WALES
30 REGISTRATION NUMBER: 14,976
31 REFERENCE/SEQUENCE NUMBER: 100.0% 100.0% 100.0%
32 REFERENCE/SEQUENCE NUMBER: 100.0% 100.0% 100.0%

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LENNITE 419 amino acids
 TYPE: amino acid
 ORGANISMES: Unknown
 Topology: 1 to 41
 Molecular type: Protein
 Sequence description: SEQ ID NO: 196
 US 10 006 380 18

Query Match: 100.00% Score: 105.64 for 106 Length: 419
 Best local similarity: 100.00% Prod. No. 1, 26 943
 Matches: 196 2 Conserved: 02 Mismatch: 02 Indels: 02 gaps: 02

1 PROTEIN ATVAEALAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 60
 2 FESKLSIAFLHDAIAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 61
 3 42 FESKLSIAFLHDAIAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 61
 4 61 DHPDANNSRLEIKIAAAYNEIKIKIDINWKEVQWKEVQKQKQVAINP 104
 5 92 DHPDANNSRLEIKIAAAYNEIKIKIDINWKEVQWKEVQKQKQVAINP 104
 6 121 KRPSVSVKQVQVNSRSLQVMTLSYKSLFETVLSQKQVLSFAMHISRP 180
 7 152 KRPSVSVKQVQVNSRSLQVMTLSYKSLFETVLSQKQVLSFAMHISRP 211
 8 181 MRLIVYVWVSHIR 196
 9 212 MRLIVYVWVSHIR 227

RESULT 36

US 09 775 000A 22
 1 Sequence 22: Application US/09/775000A
 2 Patent No. US2002019080A1
 3 GENERAL INFORMATION:
 4 APPLICANT: ALIANT 01 41
 5 TITLE OF INVENTION: MATERIALS AND METHODS INVOLVING HYBRID VASCULAR
 6 TITLE REFERENCE: 2867/459778
 7 CURRENT FILING DATE: 2001 02 26
 8 PRIOR FILING DATE: 2000 05 18
 9 PRIOR FILING DATE: 2000 05 18
 10 PRIOR FILING DATE: 2000 02 25
 11 NUMBER OF SEQ. IN SEQ. 179
 12 SEQUENCE: Patent In Vol. 2:0
 13 SEQ. ID NO. 22
 14 LENGTH: 419
 15 TYPE: PRO
 16 ORGANISM: Homo sapiens
 17 US 09 775 000A 22

Query Match: 100.00% Score: 105.64 for 106 Length: 419
 Best local similarity: 100.00% Prod. No. 1, 26 943
 Matches: 196 2 Conserved: 02 Mismatch: 02 Indels: 02 gaps: 02

1 PROTEIN ATVAEALAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 60
 2 FESKLSIAFLHDAIAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 61
 3 42 FESKLSIAFLHDAIAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 61
 4 61 DHPDANNSRLEIKIAAAYNEIKIKIDINWKEVQWKEVQKQKQVAINP 104
 5 92 DHPDANNSRLEIKIAAAYNEIKIKIDINWKEVQWKEVQKQKQVAINP 104
 6 121 KRPSVSVKQVQVNSRSLQVMTLSYKSLFETVLSQKQVLSFAMHISRP 180
 7 152 KRPSVSVKQVQVNSRSLQVMTLSYKSLFETVLSQKQVLSFAMHISRP 211
 8 181 MRLIVYVWVSHIR 196
 9 212 MRLIVYVWVSHIR 227

LENNITE 419 amino acids
 TYPE: amino acid
 ORGANISMES: Unknown
 Topology: 1 to 41
 Molecular type: Protein
 Sequence description: SEQ ID NO: 196
 US 10 006 380 18

Query Match: 100.00% Score: 105.64 for 106 Length: 419
 Best local similarity: 100.00% Prod. No. 1, 26 943
 Matches: 196 2 Conserved: 02 Mismatch: 02 Indels: 02 gaps: 02

1 PROTEIN ATVAEALAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 60
 2 FESKLSIAFLHDAIAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 61
 3 42 FESKLSIAFLHDAIAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 61
 4 61 DHPDANNSRLEIKIAAAYNEIKIKIDINWKEVQWKEVQKQKQVAINP 104
 5 92 DHPDANNSRLEIKIAAAYNEIKIKIDINWKEVQWKEVQKQKQVAINP 104
 6 121 KRPSVSVKQVQVNSRSLQVMTLSYKSLFETVLSQKQVLSFAMHISRP 180
 7 152 KRPSVSVKQVQVNSRSLQVMTLSYKSLFETVLSQKQVLSFAMHISRP 211
 8 181 MRLIVYVWVSHIR 196
 9 212 MRLIVYVWVSHIR 227

RESULT 37

US 09 775 000A 22
 1 Sequence 22: Application US/09/775000A
 2 Patent No. US2002019080A1
 3 GENERAL INFORMATION:
 4 APPLICANT: ALIANT 01 41
 5 TITLE OF INVENTION: MATERIALS AND METHODS INVOLVING HYBRID VASCULAR
 6 TITLE REFERENCE: 2867/459778
 7 CURRENT FILING DATE: 2001 02 26
 8 PRIOR FILING DATE: 2000 05 18
 9 PRIOR FILING DATE: 2000 05 18
 10 PRIOR FILING DATE: 2000 02 25
 11 NUMBER OF SEQ. IN SEQ. 179
 12 SEQUENCE: Patent In Vol. 2:0
 13 SEQ. ID NO. 22
 14 LENGTH: 419
 15 TYPE: PRO
 16 ORGANISM: Homo sapiens
 17 US 09 775 000A 22

Query Match: 100.00% Score: 105.64 for 106 Length: 419
 Best local similarity: 100.00% Prod. No. 1, 26 943
 Matches: 196 2 Conserved: 02 Mismatch: 02 Indels: 02 gaps: 02

1 PROTEIN ATVAEALAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 60
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 3 42 FESKLSIAFLHDAIAVASKEELHLSKSVVETLMVYVSWKHEVQKQKQW 61
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 5 92 DHPDANNSRLEIKIAAAYNEIKIKIDINWKEVQWKEVQKQKQVAINP 104
 6 121 KRPSVSVKQVQVNSRSLQVMTLSYKSLFETVLSQKQVLSFAMHISRP 180
 7 152 KRPSVSVKQVQVNSRSLQVMTLSYKSLFETVLSQKQVLSFAMHISRP 211
 8 181 MRLIVYVWVSHIR 196
 9 212 MRLIVYVWVSHIR 227





Sequence version 1.1.4 (5/1/98)
Copyright (c) 1998-2000 Nymphaea Ltd.

Report on Predicted Score, US09-534 SW Model

Report Date: April 1, 2003, 12:26:46.7 South Time: 11:29 Score is

(211 total predictions)
10.229 Million total predictions

Footnote Score: 4.336

US-09-534 SW Model

Sequence: 1 MILLIE SWAN STILL AWAITS.....SHEEPY DE VINSWIMBLOOMS 413

Score: 4.336

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Score: 4.336

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being predicted, and is derived by analysis of the total score distribution.

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3	2.336	100.0	419	9	US-09-534-376a-8	Sequence 4: APT1
4	2.336	100.0	419	10	US-09-534-376a-8	Sequence 4: APT1
5	2.336	99.6	419	9	US-09-534-376a-8	Sequence 2: APT1
6	2.336	99.6	419	9	US-09-534-376a-8	Sequence 2: APT1
7	2.336	99.6	419	9	US-10-084-480a-2	Sequence 2: APT1
8	2.336	99.6	419	9	US-10-084-480a-2	Sequence 2: APT1
9	2.336	99.6	419	9	US-10-084-480a-2	Sequence 2: APT1
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11	1.995	95.4	450	9	US-09-534-376a-8	Sequence 2: APT1
12	1.995	95.4	450	9	US-10-084-480a-2	Sequence 4: APT1

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2	Footnote: 1	US-09-534-376a-8
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Genotype version 5.1.4-p5.45/8
Copyright (c) 1993 - 2003 Computer Ltd.

OM protocol - protein search, using sw model

Run on: April 1, 2003, 12:22:56, 2,445,416, 10,000,000 seconds

(without alignment)

574,427 Million cell updates/sec

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Score: 10.0

Gap: 10.0

Search:

26,574 seqs, 294,272 residues

Total number of hits satisfying chosen parameters: 20

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post processing: Minimum Match: 808

Maximum Match: 1008

Listing first 1000 summaries

Database:

Issued: Patients AA*

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2: 1053 100.0 419 3 US-09-042-105-2

3: 1053 100.0 419 4 US-09-042-105-18

4: 1053 100.0 419 4 US-08-795-430-8

5: 1053 100.0 419 4 US-08-510-132A-55

6: 1053 100.0 419 4 US-09-355-700-8

7: 1053 100.0 419 4 US-08-601-142-34

8: 1047 99.4 419 5 PCT-0596-09001-2

9: 1044 99.1 419 4 US-08-705-054A-4

10: 1042 99.0 419 4 US-09-355-700-58

11: 931 88.4 415 4 US-08-795-430-11

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14: 894 87.9 415 4 US-08-795-430-11

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16: 894 87.9 415 4 US-08-795-430-11

17: 894 87.9 415 4 US-08-795-430-11

18: 894 87.9 415 4 US-08-795-430-11

19: 894 87.9 415 4 US-08-795-430-11

20: 894 87.9 415 4 US-08-795-430-11

Prod. No. is the number of results produced by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
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4	1053	100.0	419	4	US-08-795-430-8
5	1053	100.0	419	4	US-08-510-132A-55
6	1053	100.0	419	4	US-09-355-700-8
7	1053	100.0	419	4	US-08-601-142-34
8	1047	99.4	419	5	PCT-0596-09001-2
9	1044	99.1	419	4	US-08-705-054A-4
10	1042	99.0	419	4	US-09-355-700-58
11	931	88.4	415	4	US-08-795-430-11
12	931	88.4	415	4	US-09-355-700-11
13	894	87.9	415	4	US-08-795-430-11
14	894	87.9	415	4	US-08-795-430-11
15	894	87.9	415	4	US-08-795-430-11
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ALIGNMENTS

RESULT 1
US-08-999-811-2

1	Sequence 2, Application US/0909811
2	Patient No. 5942410
3	GENERAL INFORMATION:
4	APPLICANT: DR. JING SHAN
5	APPLICANT: 1000000000
6	APPLICANT: 1000000000
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[illegible]


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2  TELEPHONE: 412/474 0448
3  TELEFAX: 412/474 0448
4  TELEFAX: 25 4856
5  INFORMATION FOR SEQ ID NO: 1
6  SEQUENCE CHARACTERISTICS
7  LENGTH: 419 amino acids
8  TYPE: amino acid
9  SOURCE: GenBank
10  ORGANISM: Homo sapiens
11  PROTEIN: 419 amino acids
12  MOLECULE TYPE: protein
13  SOURCE DESCRIPTION: SEQ ID NO: 1
14  US: 09 456 700 B
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3  TELEFAX: 412/474 0448
4  TELEFAX: 25 4856
5  INFORMATION FOR SEQ ID NO: 1
6  SEQUENCE CHARACTERISTICS
7  LENGTH: 419 amino acids
8  TYPE: amino acid
9  SOURCE: GenBank
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11  PROTEIN: 419 amino acids
12  MOLECULE TYPE: protein
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1      West, William L.
2      TITLE OF INVENTION: WEAR-RESISTED PROTECTIVE
3      NUMBER OF SEQUENCES: 12
4      CORRESPONDENCE ADDRESS:
5      ADDRESS: 400 Folsom St., Suite 1000
6      STREET: 400 Folsom St., Suite 1000
7      CITY: South San Francisco
8      STATE: California
9      COUNTRY: USA
10     ZIP: 94080
11     *METER READABLE FORM:
12     MEDIUM TYPE: 4.5 inch, 1.44 MB floppy disk
13     COMPUTER: IBM PC compatible
14     OPERATING SYSTEM: PC DOS/MS DOS
15     SOFTWARE: Win95 (unpublished)
16     *CURRENT APPLICATION DATA:
17     APPLICATION NUMBER: 09/000,000
18     FILING DATE: 09/00/1995
19     CLASSIFICATION: 09/00/1995
20     *PRIORITY INFORMATION:
21     PRIORITY NUMBER: 09/000,000
22     NAME: 1995, Wendy M.
23     REGISTRATION NUMBER: 0-40,000
24     REFERENCE: 09/000,000
25     TELECOMMUNICATION INFORMATION:
26     TELEPHONE: 415/952-1000
27     TELEFAX: 415/952-1000
28     INFORMATION FOR SEQ ID NO: 1:
29     SEQUENCE CHARACTERISTICS:
30     LENGTH: 419 amino acids
31     TYPE: amino acid
32     TOPOLOGY: linear
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1  NUMBER OF SEQUENCES: 45
2  CORRESPONDENCE ADDRESS:
3  ADDRESS: 6410 KEY WEST AVENUE
4  CITY: MIAMI
5  STATE: FL
6  COUNTRY: USA
7  ZIP: 33050
8  COMPUTER DEVIANT: none
9  METHOD TYPE: floppy disk
10  COMPUTER: IBM PC compatible
11  SOFTWARE: FASTA 2.9.2
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13  APPLICATION NUMBER: 05/09/1998
14  FILING DATE: 29 Feb 2002
15  CLASSIFICATION: unknown
16  PUBLICATION DATA:
17  APPLICATION NUMBER: 05/09/1998
18  FILING DATE: 07 Sep 2000
19  APPLICATION NUMBER: 05/09/1998
20  FILING DATE: 13 MAR 1998
21  APPLICATION NUMBER: 05/09/1998
22  FILING DATE: 01 JUN 1998
23  ALTERNATIVE NAME:
24  NAME: MICHAEL M. WALLIS
25  IDENTIFICATION NUMBER: 433795
26  REFERENCE/WORK NUMBER: P1114074
27  TELEPHONE: (501) 609 8504
28  TELEFAX: (501) 609 8439
29  INFORMATION FOR SEQ ID NO: 2:
30  SEQUENCE: CHAVALERISTINSE
31  LENGTH: 419 amino acids
32  TYPE: amino acid
33  topology: linear
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11  FILING DATE: 01 JUN 1998
12  ALTERNATIVE NAME:
13  NAME: MICHAEL M. WALLIS
14  IDENTIFICATION NUMBER: 433795
15  REFERENCE/WORK NUMBER: P1114074
16  TELEPHONE: (501) 609 8504
17  TELEFAX: (501) 609 8439
18  INFORMATION FOR SEQ ID NO: 1:
19  SEQUENCE: CHAVALERISTINSE
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21  TYPE: amino acid
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